EV035746711US

PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	s sees a seesan are required to respon	nd to a collection of information unless it displays a valid OMB control number.					
Under the Paperwork Reduction Act of 1995, no persons are required to topper UTILITY PATENT APPLICATION			Attorney Docket No.		13437US		
			First Inventor V		<u></u>		- Se
	MITTAL	Title	Multilayer Catalyst				
		Express Mail Label No. EV 035746711 US					
	pplications under 37 CFR 1.53(b))			MS Paten	t Applicat	ion	77
APPLICATIO	' '-	ADDRESS TO: Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450					
See MPEP chapter 600 concerning utility patent application contents.							
Fee Transmittal Form (e.g., 1997) Computer Program (Appendix) Computer Program (Appendix)							
2 (if applicable, all necessary)							
See 3 of the Computer Readable Form (CRF)							
3. (preferred arrangement set forth below) b. Specification Sequence Listing on:							
- Descriptive title of the Management of the CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D							
Poferance to sequence listing, a table,							conies
or a computer program listing appendix C. Statements verifying identity or above copies C. Statements verifying identity or above copies							
Brief Summary of the Invention ACCOMPANTING AFFEIGATION						ument(s))	
- Brief Description of the Drawings (if filed) - Detailed Description - Detailed Description 9. Assignment Papers (cover sheet & document(s) 9. Assignment Papers (cover sheet & document(s) 9. Assignment Papers (cover sheet & document(s) 10. Assignment Papers (cover sheet & document(s) 11. Assignment Papers (cover sheet & document(s) 12. Assignment Papers (cover sheet & document(s) 13. Assignment Papers (cover sheet & document(s) 14. Assignment Papers (cover sheet & document(s) 15. Assignment Papers (cover sheet & document(s) 16. Assignment Papers (cover sheet & document(s) 17. Assignment Papers (cover sheet & document(s) 18. Assignment Papers (cover sheet & document(s) 19. A							ower of
Abstract of the Disclosure 10. (when there is an assignee)							-
1 , 11, English Translation Document (if applicable)							cable) copies of IDS
4. Prawing(s) (30 5.5.5.7.7)							citations
5. Oath or Declaration [Total Pages] Statement (IDS)/PTO-1449 Statement (IDS)/PTO-1449 Preliminary Amendment							
a. Newly executed (original or copy) Return Receipt Postcard (MPEP 503)							
b. Copy from a prior application (37 CFR 1.53 (a)) (Should be specifically itemized) (Should be specifically itemized) Copy from a prior application (37 CFR 1.53 (a)) (Should be specifically itemized))
b. (for continuation/divisional with Box To completed) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) 15. (if foreign priority is claimed)						c 122	
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO						m PTO/SB/35	
or its equivalent.							
6. Application Data Sheet. See 37 CFR 1.76							
18 If a CONTINUING APPLIC	CATION, check appropriate box, and	supply the	e requisite ir	nformation below an	d in a prei	iiminai	у атепотет,
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Or in an Application Data Sheet under 37 CFR 1.76: Or in an Application Data Sheet under 37 CFR 1.76: Or in an Application Data Sheet under 37 CFR 1.76: Or in an Application Data Sheet under 37 CFR 1.76:							
Continuation Divisional Continuation: Prior application information: Examiner: Examiner: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under for CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under for CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference.							
Prior application information:	ONAL APPS only: The entire disclosure the disclosure of the accompanying controlled upon when a portion has been in	of the price	or application	n, from which an oath I application and is h	n or declara sereby inco	ation is orporat	ed by reference
Box 5b, is considered a part of	relied upon when a portion has been in	advertently	omitted fro	m the submitted appi	ication par	rts.	
The incorporation dark stage	19. CORRESP	ONDENC	E ADDRESS				
Customer Number or Bar C	ode Label (Insert Customer No. or At	19 ach bar code	(abel/here)	or	Corresponde	nce add	ress below
Name	Kalow & Springut LLP						
7,000	488 Madison Avenue - 19th Flo	or					
Address					T =: =		
Address	New York	St	ate NY		Zip Co	$\overline{}$	10022
Country	US	Teleph	one 21	2-813-1600	Fa	×	813-9600
	Tor Smeland		Registra	tion No. (Attorney	//Agent)		43,131
Name (Print/Type)	Date 08/20/2003						
Signature	Variety of total 0.2 hours to complete	oto Time v	ill vary deper	ding upon the needs	of the indivi	idual ca	se. Any comme

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

(Complete (if applicable))

Telephone 212-813-1600

20 August 2003

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. FEE TRANSMITTAL Complet if Kn wn **Application Number** To be assigned for FY 2003 Filing Date 21 August 2003 Wieland First Named Inventor Effective 01/01/2003. Patent fees are subject to annual revision. **Examiner Name** To be assigned Applicant claims small entity status. See 37 CFR 1.27 Art Unit To be assigned **TOTAL AMOUNT OF PAYMENT** (\$) 750Attorney Docket No. 13437US METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Money ✓ Check Credit card 3. ADDITIONAL FEES Other None Large Entity | Small Entity Deposit Account: Fee Fee Deposit **Fee Description** Code (\$) Code 11-071 Account Fee Paid Number 1051 130 2051 Surcharge - late filing fee or oath Deposit Kalow & Springut LLP 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet Name 1053 130 1053 The Director is authorized to: (check all that apply) 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application 1804 9201 920* Requesting publication of SIR prior to 1804 Examiner action Charge fee(s) indicated below, except for the filing fee 1805 1,8401 1805 1,840* Requesting publication of SIR after to the above-identified deposit account. Examiner action 1251 110 2251 **FEE CALCULATION** 55 Extension for reply within first month 1. BASIC FILING FEE 1252 410 2252 205 Extension for reply within second month Large Entity Small Entity 1253 930 2253 465 Extension for reply within third month Fee Fee Code (\$) Fee Paid Fee Description <u>Fee</u> 1254 1.450 2254 Extension for reply within fourth month ode 1001 750 2001 375 1255 1.970 Utility filing fee 2255 985 Extension for reply within fifth month 750 1002 330 2002 165 Design filing fee 1401 320 2401 160 Notice of Appeal 1003 520 2003 260 Plant filing fee 1402 320 160 Filing a brief in support of an appeal 2402 1004 750 2004 375 Reissue filing fee 1403 280 2403 140 Request for oral hearing 1005 160 2005 Provisional filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding **SUBTOTAL (1) | (\$)** 750 1452 110 2452 55 Petition to revive - unavoidable 1453 1,300 2453 650 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1.300 2501 650 Utility issue fee (or reissue) ee from Ext<u>ra Claim</u>s Fee Paid below 1502 470 2502 235 Design issue fee Total Claims $\times 0$ ₫0 1503 630 2503 315 Plant issue fee Independent $x \overline{0}$ =0 1460 130 1460 130 Petitions to the Commissioner Multiple Dependent 10 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) Large Entity Small Entity 180 Submission of Information Disclosure Stmt 1806 180 1806 Fee Fee Fee Code (\$) Fee Description Code (\$) 40 Recording each patent assignment per 8021 40 8021 property (times number of properties) 1202 18 2202 Claims in excess of 20 9 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 750 2809 1201 Independent claims in excess of 3 84 2201 42 1203 280 2203 140 Multiple dependent claim, if not paid 1810 750 2810 375 For each additional invention to be 1204 84 2204 42 Reissue independent claims examined (37 CFR 1.129(b)) over original patent 1801 750 2801 375 Request for Continued Examination (RCE) 1205 18 2205 ** Reissue claims in excess of 20 1802 900 1802 900 Request for expedited examination and over original patent of a design application Other fee (specify) (\$)⁰ SUBTOTAL (2) *Reduced by Basic Filing Fee Paid **or number previously paid, if greater; For Reissues, see above SUBTOTAL (3) **(\$)** 0 SUBMITTED BY

> WARNING: 'Inf rmation on this form may b c me public. Credit card informatin shuld not b included n this f rm. Pr vide credit card informati n and authorization n PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attorney/Agent

43,131

Name (Print/Type)

Signature

Tor Smeland